

Claims

1. A screen system which can be easily disassembled comprising:

a screen;

a frame supporting said screen, said frame including a hook; and

a housing for supporting said frame when said screen system is assembled, said housing defining a retainer which interacts with said hook whereby upon rotation of said frame in a first direction said hook engages said retainer and upon rotation of said frame in a second direction said hook disengages said retainer allowing disassembly of said screen system.

2. The screen system of claim 1 wherein said hook is integrally formed with said frame.

3. The screen system of claim 1 wherein said hook comprises a first arm section generally perpendicular to said frame, a second arm section integral with said first arm section and generally parallel to said frame and a finger extending from said second arm section for engaging said retainer on said housing.

4. The screen system of claim 1 wherein said retainer is a depression within said housing.

5. The screen system of claim 1 wherein said housing defines a seat which supports said frame when said screen system is assembled, said seat defining an aperture for the passage of said hook whereby during assembly of said screen system said hook passes through said aperture.

6. The screen system of claim 1 wherein said frame includes four hooks and said housing includes at least four retainers.

7. The screen system of claim 1 wherein said frame further comprises an engagement surface for the digit of a user, allowing the frame to be easily rotated.

8. The screen system of claim 7 wherein said engagement surface is a depression located on a side of said frame opposite said hook.

9. The screen system of claim 8 where said engagement surface is adjacent to said hook.

10. A ventilation system comprising:

a structure defining a passage for venting a gas;

a fan supported within said passage;

a screen for protecting said fan;

a frame supporting said screen, said frame including a hook; and

a housing component of said structure, said housing for supporting said frame when said screen system is assembled, said housing defining a retainer which interacts with said hook whereby upon rotation of said frame in a first direction said hook engages said retainer and upon rotation of said frame in a second direction said hook disengages said retainer allowing disassembly of said screen system.

11. The ventilation system of claim 10 wherein said structure and said housing are integrally formed.